



# WALL BRACKET BAC200

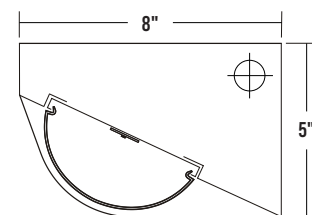
CURVED CORNER MOUNT LUMINAIRE

JOB	
TYPE	
DATE	

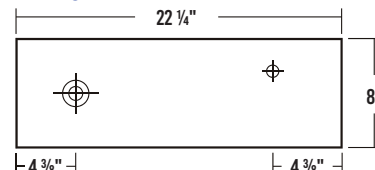
## Ceiling / Wall Mounted LED Luminaire



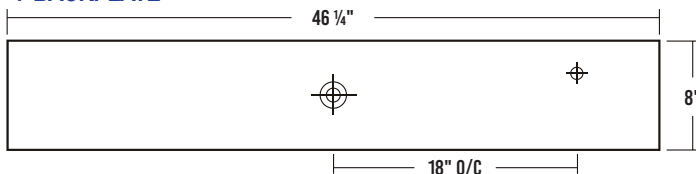
## CROSS SECTION



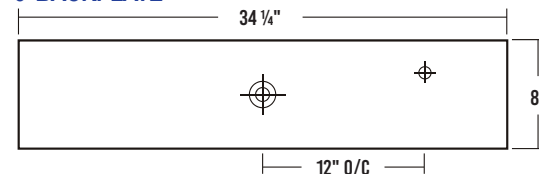
## 2' BACKPLATE



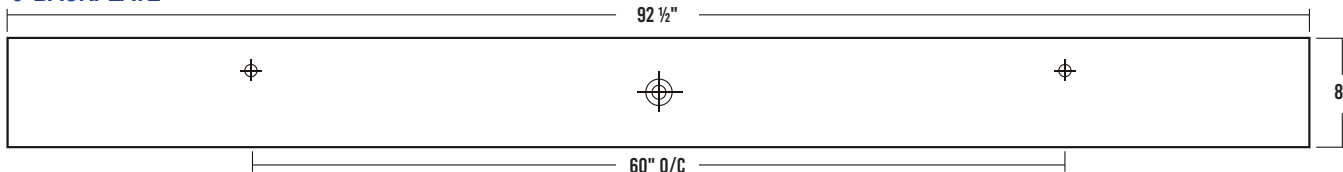
## 4' BACKPLATE



## 3' BACKPLATE



## 8' BACKPLATE



7/8" OFFSET K.O. 2" K.O.

## SPECIFICATIONS

### Construction

- 22 gauge cold-rolled steel welded housing

### Finish

- Baked white powder coated finish / minimum reflectance 90%
- Painted after fabrication

### Optical

- Frosted smooth acrylic lens

### Electrical

- High efficiency drivers coupled with long-life LEDs
- Service life tested at 50,000 hours (L70)
- Universal voltage 120V through 277V (347V / 480V available)
- Power Factor (PF)  $\geq 0.9$
- Total Harmonic Distortion (THD)  $\leq 20\%$

### Listing

- UL USA and Canada listed / suitable for damp locations

### Warranty

- 5-Year limited warranty standard. 10-Year limited warranty also available

## APPLICATIONS

- Commercial, Stairwell, Vanity, Corner Mount

## FEATURES

- 0-10V Dimming driver standard
- Suitable for damp locations
- Supports California Title 24 compliance

## OPTIONS

- Lens retainer/tamper-proof screws
- Sensors and controls
- Pull switch
- Cord and plug
- Emergency battery pack
- Customization available upon request



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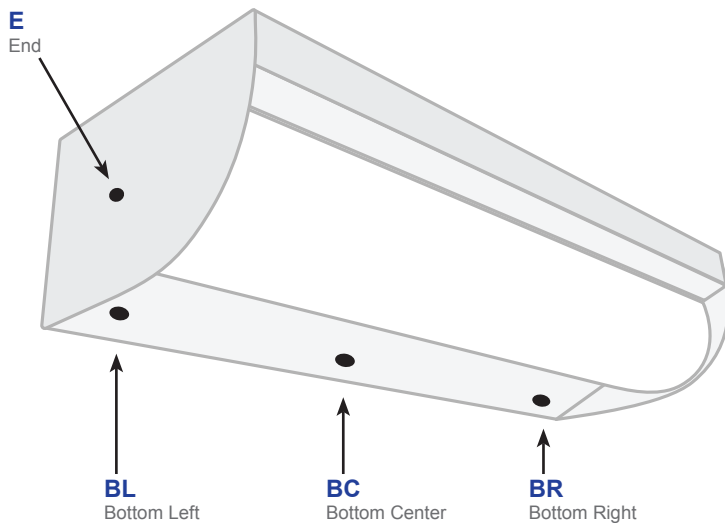
**ORDERING INFORMATION:** Additional Options Available. Visit [www.lalighting.com/resources](http://www.lalighting.com/resources) for more information

**EXAMPLE: BAC200-4-4L-BPL1.5-DRDM-UNV-1/840**

SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	MECHANICAL	CONTROLS & ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROWS	CRI / CCT
BAC200							1	
BAC200 • Curved Corner Mount Luminaire	1 - 1000 lm 2 - 2000 lm 3 - 3000 lm 4 - 4000 lm 8 - 8000 lm  High Efficacy 1HE - 1000 lm 2HE - 2000 lm 3HE - 3000 lm	2L • 2'	TP • Lens Retainers with Tamper Proof Screws  *Leave blank if not specified	BPL1.5 • 1500 lm Emergency Battery Pack  PS1 • ON / OFF pull switch 120V (see below for additional information)  MS(x) • Motion Sensor (See below for lens and configuration options)  WLC(AWNR-WH) • Lutron Athena wireless node (RF)  WLC(AWNS-WH) • Lutron Athena wireless node w/sensor  Additional Lutron options on page 5  *Leave blank if not specified	DRDM • 0-10V Dimming Driver	UNV • 120V-277V  120V • 120 Volt  277V • 277 Volt  347V • 347 Volt  480V • 480 Volt	1 • One LED Row	827 • 80+CRI / 2700K  830 • 80+CRI / 3000K  835 • 80+CRI / 3500K  840 • 80+CRI / 4000K  850 • 80+CRI / 5000K  865 • 80+CRI / 6500K  8TW • 80+CRI Tunable White 2700K-6500K  90CRI Also available  Contact customer service for additional CRI/CCT packages.
	2 - 2000 lm 3 - 3000 lm 4 - 4000 lm	3L • 3'						
	2 - 2000 lm 4 - 4000 lm 6 - 6000 lm 8 - 8000 lm 12 - 12000 lm  High Efficacy 2HE - 2000 lm 4HE - 4000 lm 6HE - 6000 lm	4L • 4'						
	4 - 4000 lm 8 - 8000 lm 12 - 12000 lm 16 - 16000 lm 20 - 20000 lm 24 - 24000 lm  High Efficacy 4HE - 4000 lm 8HE - 8000 lm 12HE - 12000 lm 14HE - 14000 lm	8L • 8'						
	Standard options for BAC200 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit <a href="http://www.lalighting.com/resources">www.lalighting.com/resources</a> or contact customer service.							

**SWITCH OPTIONS:** Additional Switch Options Available. Contact Customer Service for More Information

**SWITCH LOCATIONS**



**SWITCHES**

Ordering Example								
BAC200	4	4L	PS1BR	DRDM	UNV	1	840	

**Switch Type**

**PS1** On / Off Pull Switch 120V  
**TS2** Toggle Switch 120V

**Switch Location**

**BR** Bottom Right  
**BC** Bottom Center  
**BL** Bottom Left  
**E** End



**PS1**



**TS2**



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## SENSOR CONFIGURATION

**MS****(L)**

LENS		SHAPE	MOUNTING HEIGHT		COVERAGE
(L)	STANDARD	ROUND	8 - 20 ft	2.4 - 6.0m	2x HEIGHT
(H)	HIGH BAY	CONE	15 - 30 ft	4.5 - 9.0m	3x HEIGHT
(LW)	WIDE	CONE	8 - 10 ft	2.4 - 3.0m	6x HEIGHT

**MS - PIR Motion Sensor – On/Off**

- Turns luminaire on/off in response to motion

**MSSD - PIR Motion Sensor – High/Low**

- Increases/decreases illumination in response to motion

**MSSDO - PIR Motion Sensor – High/Low/Off**

- Turns luminaire on/off and increases/decreases illumination in response to motion

**MSPC - PIR Motion Sensor with Photocell – On/Off**

- Holds luminaire OFF when sufficient light is present, regardless of motion
- When ambient light levels are low, turns light on/off in response to motion

**MSPCSD - PIR Motion Sensor with Photocell – On/Off**

- Holds luminaire OFF when sufficient ambient light is present, regardless of motion
- When ambient light levels are low, increases/decreases illumination in response to motion

**MSPCSDO - PIR Motion Sensor with Photocell – High/Low/Off**

- Holds luminaire OFF when sufficient ambient light is present, regardless of motion
- When ambient light levels are low, turns luminaire on/off and increases/decreases illumination in response to motion

**NOTE:**

For additional sensor and wireless controls options, visit [www.lalighting.com/resources](http://www.lalighting.com/resources)

## SYSTEM DATA: Additional Lumen Packages Available. Contact Customer Service for More Information

2' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
1000 Lumens (Nominal)	BAC200-1-2L-DRDM-UNV-1/840	905	7.6	118.5 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F17T8	*
2000 Lumens (Nominal)	BAC200-2-2L-DRDM-UNV-1/840	1777	14.1	125.9 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F24T5HO, 2-F17T8	<a href="#">LA-T3690</a>
3000 Lumens (Nominal)	BAC200-3-2L-DRDM-UNV-1/840	2720	22.1	123.0 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
4000 Lumens (Nominal)	BAC200-4-2L-DRDM-UNV-1/840	3601	27.3	132.0 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F24T5HO, 4-F17T8	*
8000 Lumens (Nominal)	BAC200-8-2L-DRDM-UNV-1/840	7063	52.4	134.9 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F54T5HO, 4-F24T5HO	*
2' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
1000 Lumens (Nominal)	BAC200-1HE-2L-DRDM-UNV-1/840	978	7.5	130.4 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F17T8	*
2000 Lumens (Nominal)	BAC200-2HE-2L-DRDM-UNV-1/840	1739	12.4	140.5 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F24T5HO, 2-F17T8	*
3000 Lumens (Nominal)	BAC200-3HE-2L-DRDM-UNV-1/840	2627	18.7	140.6 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
3' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	BAC200-2-3L-DRDM-UNV-1/840	3491	25.8	135.5 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8	*
3000 Lumens (Nominal)	BAC200-3-3L-DRDM-UNV-1/840	6855	52.7	130.1 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F54T5HO, 4-F32T8	*
4000 Lumens (Nominal)	BAC200-4-3L-DRDM-UNV-1/840	10365	81.9	126.5 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8	*



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4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	BAC200-2-4L-DRDM-UNV-1/840	1851	13.4	138.0 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
4000 Lumens (Nominal)	BAC200-4-4L-DRDM-UNV-1/840	3634	26.7	136.1 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F54T5HO, 2-F32T8	<a href="#">LA-T3691</a>
6000 Lumens (Nominal)	BAC200-6-4L-DRDM-UNV-1/840	5659	43.7	129.6 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	BAC200-8-4L-DRDM-UNV-1/840	7366	51.1	144.1 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F54T5HO, 4-F32T8	*
12000 Lumens (Nominal)	BAC200-12-4L-DRDM-UNV-1/840	10701	74.9	142.8 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F54T5HO, 6-F32T8	*
4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	BAC200-2HE-4L-DRDM-UNV-1/840	2001	13.5	147.8 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
4000 Lumens (Nominal)	BAC200-4HE-4L-DRDM-UNV-1/840	3558	23.5	151.7 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F54T5HO, 2-F32T8	*
6000 Lumens (Nominal)	BAC200-6HE-4L-DRDM-UNV-1/840	5375	36.4	147.7 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*

8' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	BAC200-4-8L-DRDM-UNV-1/840	3723	25.8	144.5 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8	*
8000 Lumens (Nominal)	BAC200-8-8L-DRDM-UNV-1/840	7311	52.7	138.8 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F54T5HO, 4-F32T8	<a href="#">LA-T3692</a>
12000 Lumens (Nominal)	BAC200-12-8L-DRDM-UNV-1/840	11054	81.9	134.9 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8	*
16000 Lumens (Nominal)	BAC200-16-8L-DRDM-UNV-1/840	14499	99.2	146.2 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F54T5HO, 8-F32T8	*
20000 Lumens (Nominal)	BAC200-20-8L-DRDM-UNV-1/840	18126	123.0	147.4 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F54T5HO, 12-F32T8	*
24000 Lumens (Nominal)	BAC200-24-8L-DRDM-UNV-1/840	21525	149.2	144.3 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F54T5HO, 12-F32T8	*
8' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	BAC200-4HE-8L-DRDM-UNV-1/840	3622	22.7	159.3 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8	*
8000 Lumens (Nominal)	BAC200-8HE-8L-DRDM-UNV-1/840	7156	45.3	158.0 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F54T5HO, 4-F32T8	*
12000 Lumens (Nominal)	BAC200-12HE-8L-DRDM-UNV-1/840	10810	71.1	152.0 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8	*
14000 Lumens (Nominal)	BAC200-14HE-8L-DRDM-UNV-1/840	12530	83.7	149.7 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F54T5HO, 8-F32T8	*

**NOTE:**  
System data as of 4/1/24.  
Subject to change without notice.

System data is based on 120V input voltage. Actual performance may differ as a result of end-user environment and application. This fixture has been tested and listed in accordance with UL Standards. L.A. Lighting certifies that it will operate safely when installed properly, and within an ambient temperature range noted in the system data table.

Additional lumen packages and color temperatures available.



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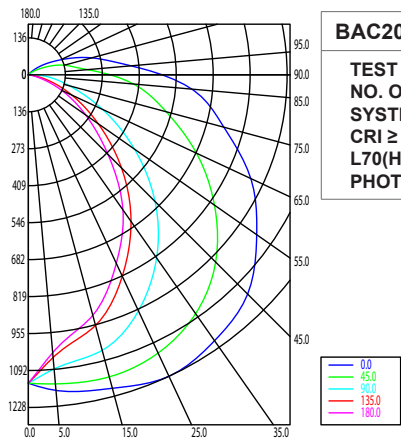
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PHOTOMETRIC DATA



<b>BAC200-4-4L-BPL1.5-DRDM-UNV-1/840</b>
<b>TEST NO. = LA-T3691</b>
<b>NO. OF LED ROWS = 1</b>
<b>SYSTEM WATT (W) = 26.7</b>
<b>CRI ≥ 80</b>
<b>L70(Hrs.) ≥ 50,000</b>
<b>PHOTOMETRY TYPE = C</b>

ZONAL LUMEN SUMMARY			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	857	21	24
0-40	1402	34	39
0-60	2475	61	68
0-90	3393	83	93
90-120	228	6	6
90-150	241	6	7
90-180	241	6	7
0-180	3634	89	100.0

SPACING CRITERION	
ALONG	ACROSS
1.58	1.17

Luminaire Output = 3634.1 lumens  
Luminaire Efficacy = 136.1 lm/W  
Luminaire Efficiency = 88.9%



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# WIRELESS CONTROLS

## Vive Systems

### Vive PowPak Wireless Fixture Controls

#### WLC(FCJS0) - PowPak Wireless Fixture Control

- RF only. For use with 0-10V drivers.
- One fixture control per luminaire, typically end-mounted via 1/2" KO.

#### WLC(FCJS0S) - PowPak Wireless Fixture Control with Sensor

- RF with daylight/occupancy sensing. For use with 0-10V drivers.
- One fixture control per luminaire, typically end-mounted via 1/2" KO.
- Sensor must be installed separately.

#### WLC(FCJSE) - PowPak EcoSystem Wireless Fixture Control

- RF only. For use with Lutron EcoSystem drivers.
- One fixture control per luminaire, typically end-mounted via 1/2" KO.

#### WLC(FCJSES) - PowPak EcoSystem Wireless Fixture Control with Sensor

- RF with daylight/occupancy sensing. For use with Lutron EcoSystem drivers.
- One fixture control per luminaire, typically end-mounted via 1/2" KO.
- Sensor must be installed separately.

### Vive PowPak Sensors

#### \*FC-SENSOR - PowPak Occupancy/Daylight Sensor

- For luminaires with existing PowPak Wireless Fixture Controls.
- Turns luminaire ON/OFF based on motion. Adjusts lumen output in response to ambient light.
- Recommended mounting height: 8-12ft

#### \*FC-VSENSOR - PowPak Vacancy/Daylight Sensor

- For luminaires with existing PowPak Wireless Fixture Controls.
- Turns luminaire OFF when area is vacant. Adjusts lumen output in response to ambient light.
- Recommended mounting height: 8-12ft.

### Vive Integral Fixture Controls

#### WLC(VRF) - Vive Integral Wireless Fixture Control

- RF only. Requires controls-ready driver.
- One fixture control per luminaire, mounting location varies by luminaire.

#### WLC(VDO) - Vive Integral Wireless Fixture Control

- RF, plus daylight/occupancy sensing. Requires controls-ready driver.
- One fixture control per luminaire, mounting location varies by luminaire.
- Turns luminaire ON/OFF based on motion. Adjusts lumen output in response to ambient light.
- Coverage area at 9ft mounting height: Up to 300 sq.ft for major motions; 150 sq.ft. for minor motions.

## BAC200 LED CURVED CORNER MOUNT LUMINAIRE

### How to Order

Pre-installed components are ordered by adding the part number to the luminaire:

GHL320-4-4L-FSW-PA- [WLC\(FCJS0\)](#) -DRDM-UNV-2/840

Components marked with \* are ordered separately

## Athena Wireless Nodes

Requires Athena-compatible drivers and Clear Connect Gateway - Type X

#### WLC(AWNR-WH) - Wireless Node (White)

- RF communication node. One per luminaire, integrally mounted.

#### WLC(AWNS-WH) - Wireless Node (White) with Sensor

- RF, plus daylight/occupancy sensing. One per luminaire, integrally mounted.

#### WLC(AWNR-BL) - Wireless Node (Black)

RF communication node. One per luminaire, integrally mounted.

#### WLC(AWNS-BL) - Wireless Node (Black) with Sensor

- RF, plus daylight/occupancy sensing. One per luminaire, integrally mounted.



**WLC(AWNR-WH)**  
Athena Wireless Node



**WLC(FCJS0)**  
PowPak Wireless Fixture Control



**FC-SENSOR**  
PowPak Occupancy/Daylight Sensor



**WLC(VDO)**  
Vive Integral Wireless Fixture Control

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